

IN THE U.S. PATENT AND TRADEMARK OFFICE

APPLICANT: Rapoport, Basil)
)
) Examiner: Ungar, Susan
SERIAL NO.: 08/482,402)
)
) Art Unit: 1642
FILED: June 07, 1995)
)
FOR: DISEASE ASSOCIATED HUMAN)
AUTOANTIBODIES SPECIFIC FOR)
HUMAN THYROID PEROXIDASE)
)

INTERVIEW SUMMARY

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Dear Susan,

Thank you very much for the opportunity to speak with you regarding the above application on Thursday June 8, 2000.

We are filing a CPA for the above identified application and an accompanying preliminary amendment. The preliminary amendment will include the following and such inclusions appear to overcome the previous rejection under 35 U.S.C. §103 (Paper Nos. 12, 17, 20 and 25):

1. claims directed to human thyroid peroxidase (hTPO) as being *recognized* by hTPO antibodies;
2. an indication of how the above claims are supported by the specification;
3. statements to the effect that protein chemistry is very unpredictable and that the three dimensional conformation of a protein may change upon alterations to the primary amino acid sequence of the protein, for example alterations such as partial deletion of amino acids from the full length amino acid sequence. Bowie, *Science* 247: 1306-1310; and
4. statements to the effect that a single amino acid change to a protein may alter its functions. Wadsworth et al., *Molecular Endocrinology* 6: 394-398 (1992).

Respectfully submitted,


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6/12/00
Date